

VIDEO USER INTERFACE DISPLAY

ABSTRACT OF THE DISCLOSURE

A video user interface display includes transformed panoramic
5 views of a monitored area, and virtual views of portions of the monitored
area. A virtual view may be based upon transformed wide-angle lens
image data, or image data from a dome camera system without a wide-
angle lens. The transformed panoramic views are derived from wide-
angle lens image data, exhibit upright orientation and substantially
10 reduced (or no) wide-angle image distortion, thus providing a readily
discernible view of the monitored area. Reference windows overlaid in the
panoramic views identify the portions of the panoramic views represented
by the virtual views. The virtual views and reference windows respond to
operator commands.